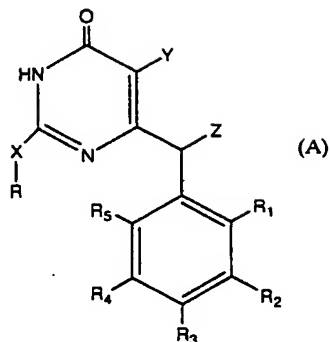


WHAT IS CLAIMED IS:

1. A compound of the formula:

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wherein:

- X is -O, -CH<sub>2</sub>, -CHK (wherein K is -H, -C<sub>1-4</sub>alkyl, -C<sub>3-6</sub>cycloalkyl), -S, -NK (wherein K is -H, -C<sub>1-4</sub>alkyl, -C<sub>3-6</sub>cycloalkyl), -aryl, -arylalkyl;
- 10 R is -H, -C<sub>1-4</sub>alkyl (containing one or more of heteroatoms like O, S, N), -C<sub>3-6</sub>cycloalkyl (containing one or more of heteroatoms like O, S, N), -aryl, arylalkyl, heterocycle;
- Y is -H, -C<sub>1-4</sub>alkyl, -C<sub>3-6</sub>cycloalkyl;
- Z is -H, -C<sub>1-4</sub>alkyl, -C<sub>3-6</sub>cycloalkyl;
- 15 R<sub>1</sub> is -H, -C<sub>1-4</sub>alkyl, halogen, -NO<sub>2</sub>, -OW (wherein W is -H, -CH<sub>3</sub>, -aryl), -SW (wherein W is -H, -CH<sub>3</sub>, -aryl);
- R<sub>2</sub> is -H, -C<sub>1-4</sub>alkyl, -halogen, -NO<sub>2</sub>, -OW (wherein W is -H, -CH<sub>3</sub>, -aryl), -SW (wherein W is -H, -CH<sub>3</sub>, -aryl);
- R<sub>3</sub> is -H, -C<sub>1-4</sub>alkyl, -halogen, -NO<sub>2</sub>, -OW (wherein W is -H, -CH<sub>3</sub>, -aryl), -SW (wherein W is -H, -CH<sub>3</sub>, -aryl);
- 20 R<sub>4</sub> is -H, -C<sub>1-4</sub>alkyl, -halogen, -NO<sub>2</sub>, -OW (wherein W is -H, -CH<sub>3</sub>, -aryl), -SW (wherein W is -H, -CH<sub>3</sub>, -aryl);
- R<sub>5</sub> is -H, -C<sub>1-4</sub>alkyl, -halogen, -NO<sub>2</sub>, -OW (wherein W is -H, -CH<sub>3</sub>, -aryl), -SW (wherein W is -H, -CH<sub>3</sub>, -aryl), or a pharmaceutically acceptable salt or soluble derivative thereof.
- 25

2. A compound having formula A as claimed in claim 1 wherein

X = O    Y = H    Z = H    R = *s*Bu    R<sub>1</sub> = F    R<sub>2</sub> = H    R<sub>3</sub> = H    R<sub>4</sub> = H    R<sub>5</sub> = F

X = O    Y = H    Z = H    R = *c*Pen    R<sub>1</sub> = F    R<sub>2</sub> = H    R<sub>3</sub> = H    R<sub>4</sub> = H    R<sub>5</sub> = F.

5 3. A compound having formula A as claimed in claim 1 wherein

	X = S	Y = H	Z = H	R = <i>s</i> Bu	R <sub>1</sub> = NO <sub>2</sub>	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = H
	X = S	Y = H	Z = H	R = <i>s</i> Bu	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = H
	X = S	Y = H	Z = H	R = CH <sub>3</sub>	R <sub>1</sub> = Cl	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = Cl
	X = S	Y = H	Z = H	R = <i>i</i> Pr	R <sub>1</sub> = Cl	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = Cl
10	X = S	Y = H	Z = H	R = <i>n</i> Bu	R <sub>1</sub> = Cl	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = Cl
	X = S	Y = H	Z = H	R = <i>i</i> Bu	R <sub>1</sub> = Cl	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = Cl
	X = S	Y = H	Z = H	R = <i>s</i> Bu	R <sub>1</sub> = Cl	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = Cl
	X = S	Y = H	Z = H	R = <i>c</i> Pen	R <sub>1</sub> = Cl	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = Cl
	X = S	Y = H	Z = H	R = <i>c</i> Es	R <sub>1</sub> = Cl	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = Cl
15	X = S	Y = H	Z = H	R = CH <sub>3</sub>	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = S	Y = H	Z = H	R = <i>i</i> Pr	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = S	Y = H	Z = H	R = <i>n</i> Bu	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = S	Y = H	Z = H	R = <i>i</i> Bu	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = S	Y = H	Z = H	R = <i>s</i> Bu	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
20	X = S	Y = H	Z = H	R = <i>c</i> Pen	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = S	Y = H	Z = H	R = <i>c</i> Es	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = S	Y = H	Z = CH <sub>3</sub>	R = <i>i</i> Pr	R <sub>1</sub> = Cl	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = Cl
	X = S	Y = H	Z = CH <sub>3</sub>	R = <i>c</i> Pen	R <sub>1</sub> = Cl	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = Cl
	X = S	Y = H	Z = CH <sub>3</sub>	R = <i>c</i> Es	R <sub>1</sub> = Cl	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = Cl
25	X = S	Y = H	Z = Et	R = <i>i</i> Pr	R <sub>1</sub> = Cl	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = Cl
	X = S	Y = H	Z = Et	R = <i>c</i> Pen	R <sub>1</sub> = Cl	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = Cl
	X = S	Y = H	Z = Et	R = <i>c</i> Es	R <sub>1</sub> = Cl	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = Cl
	X = S	Y = H	Z = CH <sub>3</sub>	R = <i>i</i> Pr	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = S	Y = H	Z = CH <sub>3</sub>	R = <i>i</i> Bu	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
30	X = S	Y = H	Z = CH <sub>3</sub>	R = <i>n</i> Bu	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = S	Y = H	Z = CH <sub>3</sub>	R = <i>s</i> Bu	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = S	Y = H	Z = CH <sub>3</sub>	R = <i>c</i> Pen	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = S	Y = H	Z = CH <sub>3</sub>	R = <i>c</i> Es	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = S	Y = H	Z = Et	R = <i>i</i> Pr	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
35	X = S	Y = H	Z = Et	R = <i>c</i> Pen	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = S	Y = H	Z = Et	R = <i>c</i> Es	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = S	Y = H	Z = CH <sub>3</sub>	R = <i>c</i> Es	-CH=CH-CH=CH		R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = H
	X = S	Y = H	Z = H	R = <i>s</i> Bu	R <sub>1</sub> = Cl	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = H

	X = S	Y = CH <sub>3</sub>	Z = H	R = sBu	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = H
	X = S	Y = CH <sub>3</sub>	Z = H	R = sBu	R <sub>1</sub> = Cl	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = Cl
	X = S	Y = CH <sub>3</sub>	Z = H	R = CH <sub>3</sub>	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = S	Y = CH <sub>3</sub>	Z = H	R = iPr	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
5	X = S	Y = CH <sub>3</sub>	Z = H	R = nBu	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = S	Y = CH <sub>3</sub>	Z = H	R = iBu	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = S	Y = CH <sub>3</sub>	Z = H	R = sBu	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = S	Y = CH <sub>3</sub>	Z = H	R = cPen	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = S	Y = CH <sub>3</sub>	Z = H	R = cEs	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
10	X = S	Y = CH <sub>3</sub>	Z = CH <sub>3</sub>	R = CH <sub>3</sub>	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = S	Y = CH <sub>3</sub>	Z = CH <sub>3</sub>	R = sBu	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = S	Y = CH <sub>3</sub>	Z = CH <sub>3</sub>	R = cPe	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = S	Y = Et	Z = H	R = sBu	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = S	Y = iPr	Z = H	R = iPr	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
15	X = S	Y = CH <sub>3</sub>	Z = CH <sub>3</sub>	R = iPr	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = S	Y = CH <sub>3</sub>	Z = CH <sub>3</sub>	R = nBu	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = S	Y = CH <sub>3</sub>	Z = CH <sub>3</sub>	R = iBu	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = S	Y = CH <sub>3</sub>	Z = CH <sub>3</sub>	R = cEs	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = S	Y = H	Z = H	R = MeSMe	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
20	X = S	Y = CH <sub>3</sub>	Z = H	R = MeSMe	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = S	Y = Et	Z = H	R = MeSMe	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = S	Y = iPr	Z = H	R = MeSMe	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F

## 4. A compound having formula A as claimed in claim 1 wherein

25	X = NH	Y = H	Z = H	R = Et	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = NH	Y = H	Z = H	R = nPr	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = NH	Y = H	Z = H	R = iPr	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = NH	Y = H	Z = H	R = cPr	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = NH	Y = H	Z = H	R = nBu	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
30	X = NH	Y = H	Z = H	R = sBu	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = NH	Y = H	Z = H	R = MeOEt	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = NH	Y = H	Z = H	R = cPe	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = NH	Y = H	Z = H	R = cEs	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = NH	Y = H	Z = CH <sub>3</sub>	R = cPe	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
35	X = NH	Y = CH <sub>3</sub>	Z = H	R = iPr	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = NH	Y = CH <sub>3</sub>	Z = H	R = sBu	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = NH	Y = CH <sub>3</sub>	Z = H	R = cPe	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = NH	Y = CH <sub>3</sub>	Z = H	R = benz	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F

	X = NH	Y = CH <sub>3</sub>	Z = CH <sub>3</sub>	R = cPe	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = NH	Y = H	Z = H	R = CH <sub>3</sub>	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = NH	Y = CH <sub>3</sub>	Z = H	R = CH <sub>3</sub>	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = NH	Y = CH <sub>3</sub>	Z = H	R = nPr	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
5	X = NH	Y = CH <sub>3</sub>	Z = H	R = nBu	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = NH	Y = H	Z = CH <sub>3</sub>	R = CH <sub>3</sub>	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = NH	Y = H	Z = CH <sub>3</sub>	R = nPr	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = NH	Y = H	Z = CH <sub>3</sub>	R = iPr	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = NH	Y = H	Z = CH <sub>3</sub>	R = nBu	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
10	X = NH	Y = H	Z = CH <sub>3</sub>	R = sBu	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = NH	Y = H	Z = CH <sub>3</sub>	R = cEs	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = NH	Y = CH <sub>3</sub>	Z = CH <sub>3</sub>	R = CH <sub>3</sub>	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = NH	Y = CH <sub>3</sub>	Z = CH <sub>3</sub>	R = nBu	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = NH	Y = CH <sub>3</sub>	Z = CH <sub>3</sub>	R = cEs	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
15	X = N	Y = H	Z = H	R = (CH <sub>3</sub> ) <sub>2</sub>	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = N	Y = H	Z = H	R = Me-Pip	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = N	Y = H	Z = H	R = Morph	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = N	Y = H	Z = H	R = S-morp	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = N	Y = H	Z = H	R = Piper	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
20	X = N	Y = H	Z = H	R = Pyrroli	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = N	Y = H	Z = H	R = Et <sub>2</sub>	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = N	Y = H	Z = H	R = (nPr) <sub>2</sub>	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = N	Y = CH <sub>3</sub>	Z = H	R = (CH <sub>3</sub> ) <sub>2</sub>	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = N	Y = CH <sub>3</sub>	Z = H	R = Me-Pip	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
25	X = N	Y = CH <sub>3</sub>	Z = H	R = Morph	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F
	X = N	Y = CH <sub>3</sub>	Z = H	R = S-morp	R <sub>1</sub> = F	R <sub>2</sub> = H	R <sub>3</sub> = H	R <sub>4</sub> = H	R <sub>5</sub> = F

5. A pharmaceutically acceptable salt or soluble derivative of a compound of claim 1.
6. A process for the preparation of a compound having formula A as claimed in claim 1  
 30 wherein X = O, wherein the proper methyl arylacetylalkylacetate is reacted with O-methylisourea in presence of calcium hydroxide; the so obtained 2-O-methyl(5-alkyl)-6-benzyl(substituted)uracils are reacted with the proper potassium alkoxide according to scheme A.
7. A process for the preparation of a compound having formula A as claimed in claim 1  
 35 wherein X = S, wherein the proper ethyl arylacetylalkylacetate is reacted with thiourea in presence of sodium methoxide; the so obtained 5-alkyl-6-benzyl(substituted)-2-

thiouracils are reacted with methyl iodide or with an alkyl halide in a basic medium according to scheme B.

8. A process for the preparation of the compounds having formula A as claimed in claim 1 wherein X = NK (wherein K is -H, -C<sub>1-4</sub>alkyl, -C<sub>3-6</sub>cycloalkyl), wherein the proper S-methyl(5-alkyl)-6-benzyl(substituted)-2-thiouracil is reacted with the proper amine according to scheme C.
9. A method of preventing infection of HIV, or of treating infection by HIV or of treating AIDS, comprising administering to a mammal an effective amount of a compound as claimed in claim 1 or a pharmaceutically acceptable salt or soluble derivative thereof.
10. A pharmaceutical composition useful for inhibiting HIV reverse transcriptase, comprising an effective amount of a compound claimed in claim 1 or a pharmaceutically acceptable salt or soluble derivative thereof, and a pharmaceutically acceptable carrier.
11. A pharmaceutical composition useful for preventing or treating infection of HIV or for treating AIDS, comprising an effective amount of a compound as claimed in claim 1 or a pharmaceutically acceptable salt or soluble derivative thereof, and a pharmaceutically acceptable carrier.
12. A method of preventing infection of HIV, or of treating infection by HIV or of treating AIDS, comprising administering to a mammal an effective amount of a compound as claimed in claim 1 or a pharmaceutically acceptable salt or soluble derivative thereof in combination with another anti-HIV agent selected from the group consisting of abacavir, zidovudine, BILA 1906, BILA 2185, BM+51.0836: triazoloisoindolinone derivative, BMS 186,318: aminodiol derivative HIV-1 protease inhibitor, d4API, stavudine, efavirenz, HBY097, HEPT, KNI-272, L-697,593, L-735,524, L-697,661, L-FDDC, L-FDOC, nevirapine, foscarnet, PMEA, PMPA, Ro 31-8959, RPI-3121, SC-52151, SC-55389A, TIBO R82150, TIBO 82913, TSAO-m3T, U90152, UC: thiocarboxanilide derivatives, UC-781, UC-82, VB 11,328, amprenavir, XM 323, delaviridine, famciclovir, gancyclovir, penciclovir, indinavir, nelfinavir, ritonavir, saquinavir, DDI, DDC, Delaviridine,  $\beta$ -LddA,  $\beta$ -L-3'-azido-d5FC, carbovir, acyclovir, interferon, stavudine, (3'-azido-2',3'-dideoxy-5-methyl-cytidine), 3'-azido nucleosides,  $\beta$ -D-dioxolane nucleosides such as  $\beta$ -D-dioxolanylguanine (DXG),  $\beta$ -D-dioxolanyl-2,6-diaminopurine (DAPD), and  $\beta$ -D-dioxolanyl-6-chloropurine (ACP), D4T, FTC, 3TC, AZDU, and amprenavir.